

WHAT WE CLAIM IS:

1. A display device comprising at least two display layers at least in part overlapping in which at least one of said display layers has a dissimilar configuration to the other display layer(s) such that moiré interference is reduced.
- 5 2. A display device comprising at least two display layers which have tessellated pixel patterns and which are at least in part overlapping in which at least one of said display layers has a dissimilar pixel pattern to the other display layer(s) such that moiré interference is reduced.
- 10 3. A display device comprising at least two display layers which have tessellated pixel patterns and which are at least in part overlapping in which at least one of said display layers has a dissimilar sub-pixel pattern to the other display layer(s) such that moiré interference is reduced.
- 15 4. A display device as claimed in either of claims 2 or 3 in which the dissimilarity between pixels on different display layers is that at least one of the borders of said pixels has (have) different curvature.
5. A display device as claimed in any of claims 2 to 4 in which the dissimilarity between sub-pixels on different display layers is that at least one of the borders of said sub-pixels has (have) different curvature.
- 20 6. A display device as claimed in any of claims 2 to 5 in which the dissimilarity between unlike display layers is that at least one of the boundaries of the pixels and/or the sub-pixels are at an angle to one another.
- 25 7. A display device as claimed in any of claims 1 to 6 in which the overlap of like components and/or sub-components on different display layers is arranged such that each component and/or sub-component is overlapping a dissimilar component and/or sub-component.
8. A display as claimed in any of claims 1 to 7 in which the overlap of groups of components and/or sub-components on different display layers is arranged such that each group of component and/or sub-component is overlapping a dissimilarly arranged group of components and/or sub-components.
- 30 9. A display device as claimed in any of claims 1 to 8 in which said display layers have components surrounded by black matrix and the overlap of said black matrix on different display layers is arranged such that the pattern of black matrix on a layer is overlapping a

dissimilar pattern of black matrix on the other layer(s).

10. A display device as claimed in any of claims 1 to 9 in which said display layers use colour filters and the overlap of like colour filters on different display layers is arranged such that each group of colour filters is overlapped by a dissimilarly arranged group of colour filters.
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11. A display device as claimed in any of claims 1 to 10 in which at least one interstitial layer is used between said display layers to assist in the reduction of moiré interference.